AUTHOR INDEX

Ablan, M.C.A., see Pante, M.J.R. et al.	
Alestrøm, P., see Rokkones, E. et al.	
Bailey, J.K. and Friars, G.W. (St. Andrews, N.B., Canada)	
Inheritance of age at smolting in hatchery-reared Atlantic salmon (Salmo salar)	
(Abstract)31'	7
Bailey, J.K., see also Friars, G.W. et al.	
Basiao, Z.U. (Rizal, The Philippines) and Doyle, R.W. (Halifax, N.S., Canada)	
Interaction between test and reference populations when tilapia strains are compared by	
the "internal control" technique	7
Beaumont, A.R. and Contaris, M.H. (Menai Bridge, Great Britain)	
Production of triploid embryos of Tapes semidecussatus by the use of cytochalasin B	
(Abstract)	7
Beeching, A.J., see Penman, D.J. et al.	
Behrends, L.L., Kingsley, J.B. and Bulls, M.J. (Muscle Shoals, AL, U.S.A.)	
Cold tolerance in maternal mouthbrooding tilapias: phenotypic variation among species	
and hybrids	1
Benfey, T.J., Dye, H.M. and Donaldson, E.M. (West Vancouver, B.C., Canada)	
Induced vitellogenesis in triploid coho salmon (Oncorhynchus kisutch) (Abstract) 31	8
Bimbao, M.A.P., see Pante, M.J.R. et al.	
Blanc, F. and Jaziri, H. (Montpellier, France)	
Variation of allozymic polymorphism in Ostrea angasi and O. edulis (Abstract)	1
Brummett, R.E., see Dunham, R.A. et al.	
Brun, E., see Reed, K.H. et al.	
Bulls, M.J., see Behrends, L.L. et al.	
Capili, J.B., see Pante, M.J.R. et al.	
Carmichael, G.J., see Williamson, J.H. and Carmichael, G.J.	
Chen Hongxi, Liu Peilin, Yi Yonglan and Liu Hanqin (Wuhan, China)	
Viable nuclear-cytoplasmic hybrids are obtained by electrofusion (Abstract)	8
Chen Rongde, see Wu Chingjiang et al.	
Chevassus, B. and Dorson, M. (Jouy-en-Josas, France)	
Genetics of resistance to disease in fishes	3
Chia, E.K.W., see Phang, V.P.E. and Chia, E.K.W.	
Contaris, M.H., see Beaumont, A.R. and Contaris, M.H.	
Coombs, K.A., see Friars, G.W. et al.	
Dahle, G. (Bergen, Norway)	
Restriction endonuclease analysis of mitochondrial DNA from cod (Gadus morhua)	
(Abstract)31	8
Dahle, G., see also Skaala, Ø. et al.	
Delabbio, J.L., Glebe, B.D. and Sreedharan, A. (St. Andrews, N.B., Canada)	
Variation in growth and survival between two anadromous strains of Canadian Arctic	
charr (Salvelinus alpinus) during long-term saltwater rearing	įį
Dillion, R.T., Jr., see Harris, S.E.G. et al.	
Donaldson, E.M., see Benfey, T.J. et al.	
Dorson, M., see Chevassus, B. and Dorson, M.	
Doyle, R.W., see Basiao, Z.U. and Doyle, R.W.; Eknath, A.E. and Doyle, R.W.; Robinson,	
B.W. and Doyle, R.W.	
Dunham, R.A., Brummett, R.E., Ella, M.O. and Smitherman, R.O. (Auburn, AL, U.S.A.)	
Genotype-environment interactions for growth of blue, channel and hybrid catfish in	
ponds and cages at varying densities	Ľ

Dye, H.M., see Benfey, T.J. et al.
Egberts, E., see Stet, R.J.M. et al.
Egidius, E., see Jørstad, K.E. et al.
Eiken, H.G., see Fjose, A. et al.
Eknath, A.E. (Metro Manila, The Philippines) and Doyle, R.W. (Halifax, N.S., Canada)
Effective population size and rate of inbreeding in aquaculture of Indian major carps 293
Ella, M.O., see Dunham, R.A. et al.
Ervik, A., see Jørstad, K.E. et al.
Faras, A.J., see Yoon, S.J. et al.
Farestveit, E., see Jørstad, K.E. et al.
Fernando, A.A. (Singapore) and Phang, V.P.E. (Kent Ridge, Singapore)
Colour pattern inheritance in three domesticated varieties of guppy, Poecilia reticulata (Abstract)
Fernando, A.A., see also Phang, V.P.E. et al.
Fjose, A., Eiken, H.G., Njølstad, P.R., Molven, A. and Hordvik, I. (Bergen, Norway)
Homeobox sequences of Atlantic salmon (Salmo salar) and zebrafish (Brachydanio
rerio)
Friars, G.W., Bailey, J.K. and Coombs, K.A. (St. Andrews, N.B., Canada)
Correlated responses to selection for grilse length in Atlantic salmon
Friars, G.W., see also Bailey, J.K. and Friars, G.W.
Fujio, Y., see Macaranas, J. and Fujio, Y.
Gaffney, P.M. (Lewes, DE, U.S.A.)
Breeding designs for bivalve molluscs (Abstract)
Gall, G.A.E. (Davis, CA. U.S.A.)
Basis for evaluating breeding plans
Gautvik, K.M., see Rokkones, E. et al.
Gjedrem, T. (Ås, Norway)
Introduction
Gjerde, J., see Jørstad, K.E. et al.
Glebe, B.D., see Delabbio, J.L. et al.
Gosling, E.M. and Nolan, A. (Galway, Ireland)
Triploidy induction by thermal shock in the Manila clam, Tapes semidecussatus
(Abstract)
Gross, M.L., see Yoon, S.J. et al.
Guise, K.S., see Yoon, S.J. et al.
Hackett, P.B., see Yoon, S.J. et al.
Hallerman, E.M., see Yoon, S.J. et al.
Harris, S.E.G., Dillion, R.T., Jr., Sandifer, P.A. (Charleston, SC, U.S.A.) and Lester, L.J. (Houston, TX, U.S.A.)
Electrophoresis of isozymes in cultured Penaeus vannamei (Abstract)
Hatanaka, H., see Taniguchi, N. et al.
Hawes, R.O., Scully, K. and Hidu, H. (Orono, ME, U.S.A.)
Growth rate of two diverse populations of American oysters, Crassostrea virginica, and
their reciprocal crosses (Abstract)
Herbinger, C.M. and Newkirk, G.F. (Halifax, N.S., Canada)
Sources of family variability for maturation incidence in cultivated Atlantic salmon 153
Hershberger, W.K., Myers, J.M. (Seattle, WA, U.S.A.), Iwamoto, R.N., McAuley, W.C.
(Bremerton, WA, U.S.A.) and Saxton, A.M. (Baton Rouge, LA, U.S.A.)
Genetic changes in the growth of coho salmon (Oncorhynchus kisutch) in marine net-

Hershberger, W.K., see also Thorgaard, G.H. et al.
Hidu, H., see Hawes, R.O. et al.
Hindar, K. and Jónasson, J.E. (Trondheim, Norway)
A comparison of allozyme and mitochondrial DNA variation in Atlantic salmon (Salmo
salar) (Abstract)
Hordvik, I., see Fjose, A. et al.
Hörstgen-Schwark, G., see Von Hertell, U. et al.; Wedekind, H. et al.
Huang, CM. (Taipei, Taiwan) and Liao, IC. (Keelung, Taiwan)
Response to mass selection for growth rate in Oreochromis niloticus
Huang Wenyu, see Wu Chingjiang et al.
Huisman, E.A., see Komen, J. et al.
Iwamoto, R.N., see Hershberger, W.K. et al.
Jaziri, H., see Blanc, F. and Jaziri, H.
Jónasson, J.E., see Hindar, K. and Jónasson, J.E.
Jørstad, K.E., Lerøy, R., Ervik, A., Farestveit, E., Egidius, E. (Bergen, Norway) and Gjerde,
J. (Solheimsvik, Norway)
Ranking of salmon sib groups under different environmental conditions and disease
incidence (Abstract)322
Jørstad, K.E., see also Skaala, Ø. et al.
Jung, B., see Von Hertell, U. et al.
Kaastrup, P., see Stet, R.J.M. et al.
Kapuscinski, A.R., see Nelson, D.M. and Kapuscinski, A.R.; Yoon, S.J. et al.
Kingsley, J.B., see Behrends, L.L. et al.
Komaru, A., see Wada, K.T. et al.
Komen, J., Richter, C.J.J., Van Muiswinkel, W.B. and Huisman, E.A. (Wageningen, The
Netherlands)
The effects of inbreeding in gynogenetic carp, Cyprinus carpio L., and the production of
homozygous and heterozygous clones (Abstract)
Langholz, HJ., see Von Hertell, U. et al.; Wedekind, H. et al.
Larsen, H.J., see Røed, K.H. et al.
Lawson, K.S., see Lester, L.J. and Lawson, K.S.
Lersy, R., see Jørstad, K.E. et al.
Lester, L.J. and Lawson, K.S. (Houston, TX, U.S.A.)
Inheritance of size as estimated by principal component analysis at two temperatures in
Penaeus vannamei (Abstract)
Lester, L.J., see also Harris, S.E.G. et al.
Liao, IC., see Huang, CM. and Liao, IC. Lillevik, K.M., see Rye, M. and Lillevik, K.M.
Liu Aizhu, see Xia Dequan et al.
Liu Hanqin, see Chen Hongxi et al.
Liu Peilin, see Chen Hongxi et al.
Liu, Z., see Yoon, S.J. et al.
Macaranas, J. (Quezon City, The Philippines) and Fujio, Y. (Sendai-shi, Japan)
Strain differences in cultured fish - isozymes and performance traits as indicators 69
Macaranas, J.M., see also Pante, M.J.R. et al.
Maclean, N. and Penman, D. (Southampton, Great Britain)
The application of gene manipulation to aquaculture
Maclean, N., see also Penman, D.J. et al.
McAuley, W.C., see Hershberger, W.K. et al.
Molven, A., see Fjose, A. et al.
Myers, J.M., see Hershberger, W.K. et al.; Thorgaard, G.H. et al.

Naevdal, G., see Skaala, Ø. et al.	
Nelson, D.M. and Kapuscinski, A.R. (St. Paul, MN, U.S.A.)	
Application of diallele crosses to lake trout (Salvelinus namaycush) stock evaluation	000
(Abstract) Newkirk, G.F., see Herbinger, C.M. and Newkirk, G.F.; Ruzzante, D.E. and Newkirk, G.F.	322
Njølstad, P.R., see Fjose, A. et al.	
Nolan, A., see Gosling, E.M. and Nolan, A.	
Pante, M.J.R., Macaranas, J.M. (Quezon City, The Philippines), Capili, J.B. (Metro	
Manila, The Philippines), Tayamen, M.M. (Nueva Ecija, The Philippines), Bimbao,	
M.A.P. (Metro Manila, The Philippines), Ablan, M.C.A. (Quezon City, The	
Philippines) and Pullin, R.S.V. (Metro Manila, The Philippines)	
Development of research methods to evaluate Nile tilapia (Oreochromis niloticus)	
strains in The Philippines	324
Penman, D.J., Beeching, A.J., Penn, S. and Maclean, N. (Southampton, Great Britain)	
Factors affecting survival and integration following microinjection of novel DNA into	
rainbow trout eggs	. 35
Penman, D., see also Maclean, N. and Penman, D.	
Penn, S., see Penman, D.J. et al.	
Phang, V.P.E. and Chia, E.K.W. (Kent Ridge, Singapore)	
Quantitative male sexual behavior of guppy varieties (Poecilia reticulata) under	
competitive and non-competitive environments (Abstract)	319
Phang, V.P.E., Teo, C.C. (Kent Ridge, Singapore) and Fernando, A.A. (Sembawang Field	
Station, Singapore)	
Relationships between growth and colour pattern genes in three strains of the guppy	010
(Poecilia reticulata) under intra- and interstrain competition (Abstract)	319
Phang, V.P.E., see also Fernando, A.A. and Phang, V.P.E. Pullin, R.S.V., see Pante, M.J.R. et al.	
Refstie, T. (Sunndalsøra, Norway)	
Application of breeding schemes	163
see also Reed, K.H. et al.	. 100
Richter, C.J.J., see Komen, J. et al.	
Robinson, B.W. and Doyle, R.W. (Halifax, N.S., Canada)	
Phenotypic correlations among behavior and growth variables in tilapia: implications for	
domestication selection	
Røed, K.H., Brun, E., Larsen, H.J. (Oslo, Norway) and Refstie, T. (Sunndalsøra, Norway)	
The genetic influence on serum haemolytic activity in rainbow trout	. 109
Rokkones, E. (Oslo, Norway), Alestrøm, P., Skjervold, H. (Ås, Norway) and Gautvik, K.M.	
(Oslo, Norway)	
Expression of human growth hormone gene in fertilized eggs from Atlantic salmon and	
rainbow trout (Abstract)	. 329
Ruzzante, D.E. and Newkirk, G.F. (Halifax, N.S., Canada)	
Selection for growth rate in the European oyster, Ostrea edulis: a multivariate approach	-
(Abstract)	. 333
Rye, M. (Ås, Norway) and Lillevik, K.M. (Stavanger, Norway)	
Survival in the early fresh-water period in Atlantic salmon (Salmo salar) and rainbow trout (Salmo gairdneri): heritabilities for survival and genetic correlation between	
survival and growth (Abstract)	226
Sandifer, P.A., see Harris, S.E.G. et al.	. 320
Saxton, A.M., see Hershberger, W.K. et al.	
Scheerer, P.D., see Thorgaard, G.H. et al.	
Schneider, J.F., see Yoon, S.J. et al.	

Scully, K., see Hawes, R.O. et al.	
Seki, S., see Taniguchi, N. et al.	
Skaala, Ø., Dahle, G., Jørstad, K.E. and Naevdal, G. (Bergen, Norway)	
Interactions between natural and farmed fish populations: information from genetic markers (Abstract)	25
Skjervold, H., see Rokkones, E. et al.	
Smitherman, R.O., see Dunham, R.A. et al.	
Sreedharan, A., see Delabbio, J.L. et al.	
Stet, R.J.M., Kaastrup, P., Egberts, E. and Van Muiswinkel, W.B. (Wageningen, The Netherlands)	
Characterization of new immunogenetic markers using carp alloantisera: evidence for	10
the presence of major histocompatibility complex (MIIC) molecules	19
Sun Yu, see Xia C quan et al.	
Taniguchi, N., Hatanaka, H. and Seki, S. (Nankoku, Japan)	
Genetic variation in quantitative characters of meiotic- and mitotic-gynogenetic diploid	
ayu, Plecoglossus altivelis	23
Tayamen, M.M., see Pante, M.J.R. et al.	
Teo, C.C., see Phang, V.P.E. et al.	
Thorgaard, G.H., Scheerer, P.D. (Pullman, WA, U.S.A.), Hershberger, W.K. and Myers, J.M. (Seattle, WA, U.S.A.)	
Androgenetic rainbow trout produced using sperm from tetraploid males show improved survival	15
Tilseth, S. (Bergen, Norway)	
New marine fish species for cold-water farming	35
Uchimura, Y., see Wada, K.T. et al.	
Van Muiswinkel, W.B., see Komen, J. et al.; Stet, R.J.M. et al.	
Villegas, C.T. (Iloilo, The Philippines)	
Evaluation of the salinity tolerance of <i>Oreochromis mossambicus</i> , <i>O. niloticus</i> and their F ₁ hybrids	281
Von Hertell, U., Hörstgen-Schwark, G., Langholz, HJ. (Göttingen, Federal Republic of	
Germany) and Jung, B. (Zeven, Federal Republic of Germany)	
Family studies on genetic variability in growth and reproductive performance between	
and within test fish populations of the zebrafish, Brachydanio rerio	107
Wada, K.T. (Nansei, Japan)	
Inheritance of white coloration of the prismatic layer of shells in the Japanese pearl	
oyster, Pinctada fucata martensii, and its importance in the pearl culture industry (Abstract)	331
Wada, K.T., Komaru, A. (Nansei, Japan) and Uchimura, Y. (Uwajima, Japan)	
Triploid production in the Japanese pearl oyster, Pinctada fucata martensii (Abstract) . 3	32!
Wedekind, H., Hörstgen-Schwark, G. and Langholz, HJ. (Göttingen, Federal Republic of Germany)	
Investigations on sex ratio in Oreochromis niloticus (Abstract)	32
Williamson, J.H. and Carmichael, G.J. (San Marcos, TX, U.S.A.)	
An aquacultural evaluation of Florida, northern, and hybrid largemouth bass,	
Micropterus salmoides2	24
Withler, R.E. (Nanaimo, B.C., Canada)	
Genetic consequences of salmonid egg fertilization techniques (Abstract)	320
Wu Chingjiang (Wuhan, China) Retrospects and prospects of fish genetics and breeding research in China	
Wu Chingjiang, Chen Rongde, Ye Yuzhen and Huang Wenyu (Wuhan, China)	
Production of all-female carp and its application in fish cultivation (Abstract)	36

Wu Tingting, see Xia Dequan et al.	
Xia Dequan, Liu Aizhu, Wu Tingting and Sun Yu (Wuxi, Jangsu, China)	
Study of clones of commercial fish (Abstract)	327
Ye Yuzhen, see Wu Chingjiang et al.	
Yi Yonglan, see Chen Hongxi et al.	
Yoon, S.J., Hallerman, E.M., Gross, M.L., Liu, Z., Schneider, J.F., Faras, A.J., Hackett,	
P.B., Kapuscinski, A.R. and Guise, K.S. (St. Paul, MN, U.S.A.)	
Transfer of the game for neomy in recistance into goldfish Cargesius auratus	91

